Atty's No.: 5255-26 Appln. No.: 10/736,806

Amdt. dated: July 21, 2005

Reply to Office Action of April 21, 2005

Amendments to the Claims:

Cancel claims 25 and 26, without prejudice.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-23. (cancelled)

24. (currently amended): An A door operator, comprising:

a door operating element;

a piston coupled to the door operating element and movable in a cylinder so as to define

first and second cylinder chambers formed at respective opposite piston ends;

a spring mounted in the second cylinder chamber and biasing the piston towards the first

cylinder chamber so as to have the door operating element hold a door closed;

an electrohydraulic servo drive for operating a door, the drive comprising a hydraulic

eircuit for holding the door open, the hydraulic circuit comprising a hydraulically controlled

hold-open valve configured with a 2/2-way directional lockable non-return control valve

operable for displacing the piston towards the second cylinder chamber so as to have the door

operating element hold the door open.

25. (cancelled)

26. (cancelled)

27. (currently amended): An electrohydraulic servo drive as in The door operator of

claim 24, wherein the 2/2-way directional <u>lockable</u> control valve is a slide valve.

28. (currently amended): An electrohydraulic servo drive as in The door operator of

claim 25 24, wherein the hold-open valve further comprises a control piston and a non-return

valve.

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29. (currently amended): An electrohydraulic servo drive as in The door operator of

claim 28, wherein at least one of said control piston and said non-return valve is spring loaded.

30. (currently amended): An electrohydraulic servo drive as in The door operator of

claim 24, comprising a piston which moves in a piston space to operate the door, wherein the

piston spilee being is subjected to a hydraulic pressure which is greater than the a control

pressure in the hold-open valve.

31. (currently amended): An electrohydraulic servo drive as in The door operator of

claim 28, wherein the 2/2-way directional <u>lockable</u> control valve has a sealing surface, the

control piston having an effective piston surface which is larger than the sealing surface of the

2/2-way directional lockable control valve.

32. (currently amended): An electrohydraulic servo drive as in The door operator of

claim 24, wherein the hydraulic drive eircuit comprises a pump driven by a motor, wherein the

motor is one of a DC motor, an electronically commutated motor, a speed-controlled AC motor,

and a speed-controlled 3-phase motor.

33. (currently amended). An electrohydraulic servo drive as in The door operator of

claim 24, wherein the hydraulic drive eircuit comprises means for separating forward flow and

return flow.

34. (currently amended): An electrohydraulic servo drive as in The door operator of

claim 28, wherein the non-return valve is integrated into the control piston.

35. (currently amended): An electrohydraulic servo drive as in The door operator of

claim 28, wherein the non-return valve is provided in a bypass around the 2/2-way directional

lockable control valve.

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36. (currently amended): An electrohydraulic servo drive as in The door operator of

claim 24, wherein the hydraulic eircuit drive comprises at least one throttle valve in flow

communication with the first cylinder chamber and the 2/2-way directional lockable control

valve for controlling at least one of opening and closing movement of the piston towards the first

cylinder chamber.

37. (currently amended): An electrohydraulic servo drive as in The door operator of

claim 32, wherein the pump produces hydraulic pressure for controlling the hold-open 2/2-way

directional lockable control valve.

38. (currently amended): An electrohydraulic servo drive as in The door operator of

claim 28, further comprising an adjustable valve installed parallel to bridging hydraulic lines

connecting the 2/2-way directional lockable control hold-open valve to the first chamber and to

the pump, respectively, for adjusting the leakage flow at the control piston so that the switching

speed of the 2/2-way directional lockable control valve can be controlled.

39. (currently amended): An electrohydraulic servo drive as in The door operator of

claim 38, wherein the adjustable valve comprises a closing body acting on a spring so that the

adjustable valve closes as a function of hydraulic pressure and reduces leakage flow during

opening of the door.

40. (currently amended): An electrohydraulic servo drive as in The door operator of

claim 38, further comprising a hydraulic line leading from a pump and a hydraulic line leading to

a tank space, the adjustable valve being provided between the hydraulic lines.

41. (currently amended): An electrohydraulic servo drive as in The door operator of

claim 32 24, further comprising an auxiliary device for performing a support function during

actuation of the door operating element a door, the support auxiliary device comprising a motor

amplifier connected to the motor.

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42. (currently amended): An electrohydraulic serve drive as in The door operator of

claim 42 41, wherein the motor amplifier controls the motor speed by pulse width modulation.

43. (currently amended): An electrohydraulic servo drive as in The door operator of

claim 41, further comprising a controller/current regulator for the motor amplifier.

44. (currently amended). An electrohydraulic servo drive as in The door operator of claim

43, further comprising a voltage supply connected to the controller/current regulator and the

motor amplifier.

45. (currently amended): An electrohydraulic servo drive as in The door operator of

claim 43 41, wherein the door operating element comprises further comprising: a pinion driven

by a the piston to operate the door, and a position sensor which cooperates with the pinion,

wherein the controller/current regulator is connected to the position sensor.

46. (currently amended): An electrohydraulic servo drive as in The door operator of

claim 43, wherein the controller/current regulator comprises a D/A converter.